# MARPLE URBAN DISTRICT COUNCIL.



OF

### JAMES JACKSON,

B.A., M.B., B.Ch., B.A.O., T.C.D.,

Medical Officer of Health,

AND

D. J. DIVER,

Surveyor and Inspector.

For the Year 1920.



## MARPLE URBAN DISTRICT COUNCIL.



## ANNUAL REPORTS

OF

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MARPLE;
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### MARPLE URBAN DISTRICT COUNCIL.

### Medical Officer's Report.

### TO THE CHAIRMAN AND MEMBERS OF THE MARPLE URBAN DISTRICT COUNCIL.

· SIR AND GENTLEMEN,

I have pleasure in presenting to your notice the Annual Report on the health of your district for the year 1920.

As I was only recently appointed Medical Officer, practically the whole of the information embodied in the report represents the work of my respected predecessor.

The area of your district is 3,053 acres, urban and rural.

The district of Marple, including portions of Strines and High Lane, is a hilly one, being chiefly built on a slope with west and south-west aspect. Its height above sea level varies from 450 to 633 feet. It is well drained, and although the subsoil is clay with occasional faults of sand and marl, yet owing to the natural drainage it is fairly dry and healthy. It is chiefly a residential locality, containing only three mills and a few small works, the remainder of the village consisting of fairly large houses tenanted by people with businesses elsewhere.

The chief industry is cotton spinning and manufacturing.

The cottages are mostly of a very good type, with plenty of room and ventilation.

The population at the last census was 6,483. Calculated by the Local Government Board for 1920, it is 6,635 for birth rate and death rate.

The sewerage and drainage is in a satisfactory state.

The disposal of excrement is by three methods:—water carriage, pails, and middens.

There are 1,000 water closets, 309 slop water closets, 374 privy middens, 44 pail closets, 170 dry ashpits, 1,147 ash bins, and 20 cesspools in the district.

The water supply of Marple is obtained from the Stockport Corporation from Kinder reservoirs, and is good in quality.

### MILK SUPPLY.

The milk supply is fair.

The dairies and cowsheds have been periodically inspected, and in 13 cases it was necessary to write the occupiers in order to secure a proper standard of cleanliness.

### ZYMOTIC DISEASES.

There were only 14 cases of Infectious Diseases reported: Scarlet Fever, 11 cases; Diphtheria, 1 case; Erysipelas, 1 case; Puerperal Fever, 1 case. Four cases of Scarlet Fever were sent to Hospital, the remaining cases being nursed at home.

### TUBERCULOSIS.

There were 6 deaths notified during 1920.

The Infantile Death Rate is 51'28.

TABLE I.

Vital Statistics of Whole District during 1920 and previous Years.

MARPLE URBAN DISTRICT.

	Ages	Rate	15.08	12.35	10.3	12.4	12.9	9.6	12.3	13.04	12.5	11.4
BELONGING	At all Ages	Number	92	79	67	85	98	64	75	8	78	92
NETT DEATHS BELONGING TO THE DISTRICT	Under I Year of Age	Rate per 1000 nett Births	162.3	48.8	133.3	6.82	125.0	37.3	62.5	127.0	64.7	51.28
Z	Under 1 Y	Number	20	က	12	6	12	4	ιΩ	11	9	9
SRABLE HS	Of Resi-	dents not registered in the District	9	9	4	10	10	$\infty$	12	6	14	16
TRANSFERABLE DEATHS	Of Non-	residents registered in the District						•	•	*	:	
DEATHS TERED IN ISTRICT		Rate	14.2	11.58	90.6	12.4	11.14	8.4	6.11	6.11	10.0	61.6
TOTAL DEATHS REGISTERED IN THE DISTRICT		Number	86	73	63	82	92	99	65	72	64	61
	ب	Rate	19.1	9.91	14.0	17.4	14.4	6.91	11.8	12.7	14.0	17.6
Віктнѕ	Nett	Number	117	105	91	115	97	107	80	98	93	117
		Un- corrected Number	115	104	06	114	96	107	77	98	93	4
For Death Rate.	Population estimated	to Middle of each Year	6100	6300	6500	0099	0999	6650	0809	6027	6381	+6635
	YEAR		1911	1912	1913	1914	1915	1916	1917	1918	1919	1920

+ For Birth Rate and Death Rate.

Deaths registered during the Calendar Year 1920, classified by age and cause.

MARPLE URBAN DISTRICT. TABLE III.

Totals	Influenza Pulmonary Tuberculosis Tuberculosis Meningitis. Other Tuberculosis Diseases Cancer, Malignant Disease Organic Heart Disease Bronchitis. Pneumonia (all forms) Other Respiratory Diseases Diarrhœa, &c. (under 2 years) Nephritis and Bright's Disease Puerperal Fever Congenital Debility Violence, apart from Suicide Suicide Other defined diseases	All Causes—Certified	CAUSES OF DEATH.
76	25 - 2 - 4 - 4	76	Nett Deaths at the occurring All Ages.
39	12: 21: 21-23	39	Nett Deaths at the subjoined Ages of "Residents" occurring within or without the District.  All Ages.  Males.  For
37	<del>=</del> = : : - p: p − ∞ ∞ φ: : p:	37	Sidents" whether District.  Females.

TABLE IV.

# INFANTILE MORTALITY.

# Nett Deaths from stated causes at various Ages under 1 Year of Age.

MARPLE URBAN DISTRICT.

Total deaths under 1 year.	9	— ,	- 0	71 -	<b>-</b>		9
.edtnom 21-6	•	•	•	•	:	•	:
.sdanom 6-8	•		•	•	•	•	•
.sdmom 8-8	4			_ ,	_	•	4
4 weeks and under 3 months.	•	•	•	•	•	•	•
Total under 4 weeks.	2	•	•	•	•	•	•
3-4 weeks.	•		*	•	•	•	•
2-3 теекѕ.		•	•	_	•	•	-
1-2 weeks.	•	:	•	•	•	:	
Under 1 week.			•	•	•	-	
CAUSES OF DEATH	All Causes—Certified	Bronchitis	Pneumonia	Convulsions	Cancer	Congenital Debility	Totals

The following Adoptive Acts are in force:—

Private Street Works Act, 1892.

Infectious Disease Notification Act, 1894.

Public Health Acts Amendment Act, 1890.

Public Health Acts Amendment Act, 1907.

### And the following Bye-Laws:-

New Streets and Buildings, Common Lodging-Houses, Slaughter Houses, Cleansing and Scavenging, Offensive Trades, Hackney Carriages.

The following nuisances have been dealt with, viz.:—

Defective Drains	28
Privies converted into Water Closets	33
Improper Ashpits	1
Structural Defects	5
Improper Keeping of Animals	4
Defects in Dairies and Cowsheds	13
Defects in Bakehouses	3
Dirty Conditions	1
Nuisances abated	93
" unabated	50
Total	143

### FACTORY AND WORKSHOPS ACT.

There are 10 Factories and 23 Workshops in the district. All the buildings are in a satisfactory state, both as regards ventilation and cleanliness. The sanitary arrangements are good.

The are 10 Bakehouses in the district. Only 3 defects were found.

The Slaughter-houses, five in number, have been periodically inspected.

Twenty-six Canal Boats were examined, with no defects.

Considering the low Death Rate and fairly high Birth Rate, I think you will find this Report satisfactory.

I am, Gentlemen,

Your obedient servant,

### JAMES JACKSON,

B.A., M.B., B.C.H., B.A.O.

### MARPLE URBAN DISTRICT COUNCIL.

### Summary of Sanitary Work during 1920.

### I. WATER SUPPLY.

- 1. Have any extensions been carried out during 1920? If so please append brief note.—Extensions to Salford Sanitorium.
- 2. Number of Samples analysed during 1920: chemically—Nine.
- 3. Are any, and if so what, parts of your district still without a proper supply of water?—Dooley Lane.

### II. SEWERAGE AND SEWAGE DISPOSAL.

- 1. Specify any new works of sewerage carried out during 1920.—Nil.
- 2. Are any, and if so what, parts of your district still without a proper system of sewers?—Strines Village, Stone Row, Brabyns Brow, Dooley Lane.
- 3. Have there been any complaints to your knowledge during 1920 as to the disposal works?—No.
- 4. Have any alterations or extensions taken place to your knowledge in the disposal works during 1920?—No.

### III. Housing.

- 1. Number of new houses built during 1920?—Four.
- 2. Number of dwelling-houses inspected under s. 17 Act of 1909—None.
- 3. Number of such houses considered unfit for habitation—None.
- 4. Number of representations made to Local Authority—None
- 5. Number of closing orders made by Local Authority—None.
- 6. Number of houses where defects remedied without closing orders being made.—None.

- 7. Number of houses where defects remedied *after* closing orders made.—None.
- 8. Estimated or ascertained number of houses within limits of rent in s. 14 of Act of 1909.—1,394.
- 9. Number of such houses in respect of which notice was served during 1920.—None.
- 10. Number of such houses closed after notice.—None.
- 11. Number of such houses where Local Authority has executed necessary repairs, &c.—8.
- 12. Approximate number of back-to-back houses in district—42.
- 13. Approximate number of cellar dwellings in district.—None.
- 14. What number of dwelling-houses for the working classes has your Council decided are required under the recent Housing Act?—100.

### IV. Town Planning.

Has any Scheme of Town Planning been put forward during 1920 for your District or any part thereof? If so, please make brief note of part of District covered by Scheme.—No Scheme.

(Signed) J. JACKSON.

April 27th, 1921.



# Tabular Statement of Inspector of Nuisances for the Year ended December 31st, 1920.

		No. of Notices served.	ses served.	*	Result of Serv	Service of Notices.	
Number and Nature of Nuisances abated.	Number.			Notices	Remaining	Prosecutions.	ıtions.
		Statutory.	Intormal.	complied with.	hand.	Instituted.	Pending.
	246	0 0	0 0	Ф Ф	•	:	:
_		, , , , , , , , , , , , , , , , , , ,		*	* * *	:	
3. Back-to-Back Houses	•		ó 9 0	0 0		•	
	•			* * *	0 0		•
	•		p-rest	_			:
6. Privy-Middens, Earth or Pail Closets		13	87	38	\$	7	
_	:		* 4		•		
	•	•	01 8	58 158	0 0	* 0	:
	•	•		* *	0 0		:
10. Offensive Accumulations	:	:	:	•	•	*	
	:	•	ic	+	-	•	0 0 0
	:	•	•	*	•		
13. (a) Slaughterhouses (Public)	: ;	:	*	:	0 0	•	•
(Private)	10		:	•	0 0		•
	:	•	*				:
<u>G</u> ,	:				0 0	•	*
15. (a) Dairies	99	•	13	13	•	0 0	:
_	:	:	:	:	•		o •
(c)	• 4	:	:	:		•	
_	10	:	:	*	•		0 0
_	23	:	•	*	:	•	
(c) Workplaces	*		0 0		•	:	
				* *	*	*	
17. Bakehouses (Overground)	<del>†</del>		n	n	•	e 0	*
		•	•	•		0 0	* *
	•		*	0 0		:	•
	•	* * * * * * * * * * * * * * * * * * * *		0 0	0 0	*	•
		0 0			•	•	*
	7.6 9.0						*
	22	•	*	0 0			
23. Miscellaneous	•		•	•	•	•	•
Totals	423	13	137	87	50	61	

### MARPLE URBAN DISTRICT COUNCIL.

### Surveyor's and Inspector's Report.

### TO THE CHAIRMAN AND MEMBERS OF THE MARPLE URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to lay before you my Report for the year ending December, 1920, which is the Fourteenth I have brought before you.

### SANITARY INSPECTION.

I have from time to time inspected various premises for the purpose of ascertaining sanitary defects, with the result that 143 defects were discovered, of which 93 have been remedied, and 50 remain in hand.

In most cases the owners carry out the necessary works without serious delay, but in 13 cases it was found necessary to serve statutory notices, and in two cases it was necessary to make application to the Court for power of entry, in order to carry out the work.

Particular attention has been directed to the conversion of privy-middens into water closets, with the result that 38 privy-middens have been converted into water closets.

The nuisances dealt with were as follows:

Defective drains	28
Privies converted into water closets	38
Improper ashpits	1
Structural defects	5
Improper keeping of animals	4
Defects in dairies and cowsheds	13
Defects in bakehouses	3
Dirty conditions	1
	- <del></del>
Nuisances abated	93
Nuisances not abated	50
_	
Total	143

### WATER CLOSETS, PRIVIES, ASHPITS, ETC.

The number of water closets and other sanitary conveniences in the district are as follows:

Water closets	1000
Slop water closets	309
Privy middens	374
Pail closets	44
Dry ash-pits	170
Ash-bins	1147
Cesspools	20

### COLLECTION OF HOUSE REFUSE.

This work is carried out by direct employment of labour. The privies and ash-pits are emptied at regular periods, varying from two weeks to twelve weeks according to circumstances, the refuse being deposited on convenient tips in various rural parts of the districts.

### DESTRUCTION OF RATS.

Attention has been given to the destruction of rats at the refuse tips. On two occasions  $1\frac{1}{2}$  cwts, of rat poison has been laid with good results.

### INFECTIOUS DISEASE.

During the year 14 cases of Infectious Disease have been notified, consisting of 11 cases of Scarlet Fever, 1 case of Diptheria, 1 case of Erysipelas, and 1 case of Puerperal Fever, 4 cases of Scarlet Fever were sent to the Hospital, the remaining cases being nursed at home.

### DAIRIES AND COWSHEDS.

The dairies and cowsheds have been inspected from time to time; on 13 cases it was found necessary to write to the occupiers in order to secure a proper standard of cleanliness.

### BAKEHOUSES.

There are 10 bakehouses in the district. These have been frequently inspected, and in 3 cases the intervention of your officers was necessary to secure cleanliness.

### CANAL BOATS.

The inspection of canal boats has been attended to. 26 boats have been inspected; no infringements were discovered.

### SEWERS.

The sewers of the district have been periodically examined, and appear in good order. The length of 9" surface sewer in Stockport Road, between the Post Office and Union Road, should be relaid with 12" pipes.

The sewers draining Brabyns Brow and portion of Strines Road have not yet been constructed.

Sewers should also be made for the draining of the cottages in Dooley Lane, and a short length of sewer is required on Carr Brow, at High Lane.

The present practice of flushing sewers in dry weather is not good; the sewers should be flushed at regular intervals.

### SEWAGE DISPOSAL.

The works for the purification of sewage (that is, the sewage up to three times dry weather flow), consist of one screening chamber of 6,000 gallons capacity, septic tanks of 95,000 gallons capacity, primary filters of 600 yards superficial area, secondary filters of 500 yards superficial area, and three acres of land. The works for dealing with the storm water above three times dry weather flow, consist of two tanks of total capacity of 80,000 gallons. The sewage flowing to the works in dry weather is 130,000 gallons per day, which flow will increase corresponding with the erection of new buildings and the conversion of privies to water closets.

I am of opinion that the present works are now over-worked, and that steps should be taken to increase the efficiency of the land.

Three final effluent samples were taken during the year under review by the Officers of the Mersey and Irwell Rivers Board, which on analysis were placed in the bottom third of the satisfactory effluents.

### NEW BUILDINGS.

Plans for the erection of 6 houses, a Sanatorium for 100 patients, and 21 other buildings have been approved. 4 houses have been certified fit for habitation.

### WATER SUPPLY.

The water supply is obtained from the Stockport Corporation, and is delivered by gravitation into the Council's reservoir at Wybersley. No difficulty has been experienced in obtaining the water required.

The underground waste has been carefully watched, for which purpose several night inspections have been made, with the result that 30 underground leakages have been located and repaired. In addition to the underground leakages 23 above ground leakages and 1030 defective taps have been found and repaired.

### WATER MAINS.

Many of the water mains have now been in use for upwards of 37 years, and mains that were laid for service mains have become trunk mains. With the passage of time a deposit is formed on the inside of the mains, which deposit is firmly fixed to the pipe, consequently many of the older pipes have become much smaller, and are unable to deliver the quantity of water required.

Some improvement has been effected during the year by the laying of 700 yards of 6in. dia. main on the Windlehurst Road, but as this main now joins with a 4in. main, the water delivered is governed by the capacity of the 4in. main.

The remedy is to extend the Windlehurst Road 6in. water main over Hawk Green along Hibbert Lane and Market Street to Stockport Road corner.

The portions of the district suffering from shortage of water are Marple Ridge, Strines village, Strines Road, Top Lock, and the higher parts of Station Road.

### RECREATION GROUNDS.

The above grounds, which were used for Food Production during the War, have now been sown with grass seed, and are fit for use for playing purposes.

The shelters, swings, and conveniences need painting.

### HOUSING.

The number of houses in the district is 1700.

The number of working-class houses in the district is 1394.

The Housing Scheme undertaken by the Council consists of the provision of 101 houses on Brindley's Farm.

The scheme continues to progress if somewhat slowly, the present position being as follows:—

The preparation of plans of lay-out and street and sewer works have been completed, and the work of street making and sewer construction is in hand, the construction of the foul sewers being practically complete.

With reference to the building of houses, tenders have been received, which are now being considered by the Housing Committee.

### MAIN ROADS.

The works carried out on main roads during the year consist of laying 1,421 yards super of sett paving and the tar spraying of 23,000 yards of macadem, in addition to general patching.

### DISTRICT ROADS.

The repairs to district roads consisted solely of patching macadam and tar spraying, the area tar sprayed being 27,000 yards.

Works recommended for early attention.

- 1. The laying of 12in. surface sewer in Stockport Road, from Post Office to Union Road.
- 2. The extension of 6in. water main from Broadhurst Bridge to Hawk Green, 900 yards.

I am, Gentlemen,

Your obedient servant,

D. J. DIVER,

March 5th, 1921.

Surveyor and Inspector.



